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Application Number	10/643,428
Filing Date	August 19, 2003
First Named Inventor	Douglas Marquis
Confirmation Number	4550
Group Art Unit	2131
Examiner Name	
Attorney Docket Number	0050.2057-000

Title LOW-TO-HIGH INFORMATION SECURITY PROTECTION MECHANISM

I/We hereby appoint

☒ the attorneys/agents associated with Customer No. 021005

☐ Practitioner(s) named below:

as my/our attorneys/agents to prosecute the application identified above, including any continuation or divisional applications thereof, and to transact all business in the United States Patent and Trademark Office connected therewith.

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I am the:

☐ Applicant/Inventor.

☒ Authorized representative of the Assignee, Massachusetts Institute of Technology, of the entire interest. See 37 C.F.R. § 3.71. A Statement under 37 C.F.R. §3.73(b) is enclosed.

☐ Authorized representative of the Assignee, [], together with [], of the entire interest. A Statement under 37 C.F.R. § 3.73(b) is enclosed.

SIGNATURE of Applicant or Assignee of Record

Name & Title

Rita M. Filipowicz, Patent Administrator

Signature

Rita M. Filipowicz

Date

11/24/03



Docket No. 0050.2057-000

STATEMENT UNDER 37 C.F.R. § 3.73(b)

Inventor(s): Douglas Marquis and James O. Calvin

Application No./Patent No.: 10/643,428 Filed/Issue Date: August 19, 2003

For: LOW-TO-HIGH INFORMATION SECURITY PROTECTION MECHANISM

Massachusetts Institute of Technology, a University,
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☒ the assignee of the entire right, title and interest in the patent application identified above; or
- B. ☐ an assignee together with [] of the entire right, title and interest in the patent application identified above.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: 11/24/03

Name: Rita M. Filipowicz

Title: Patent Administrator

Signature: *Rita M. Filipowicz*

@PFDesktop\::ODMA/MHODMA/iManage;432780;1

ASSIGNMENTJoint
COPY

WHEREAS, we, **Douglas Marquis and James O. Calvin**, have invented a certain improvement in **LOW-TO-HIGH INFORMATION SECURITY PROTECTION MECHANISM** described in an application for Letters Patent of the United States,

- ☒ [X] the specification of which is being executed on even date herewith and is about to be filed in the United States Patent Office (*use for 37 CFR §1.53(b) filings only*);
- ☐ [] the specification of which was filed on [] as United States Application No. [];
- ☐ [] the specification of which is the United States National Stage of International Application No. [PCT Appl'n No.], filed on [PCT Filing Date] [OPTION and assigned United States Application No. []] (*use for 35 USC §371 filings only*);
- ☐ [] which was patented under United States Patent No. [] on [].

WHEREAS, **Massachusetts Institute of Technology** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **77 Massachusetts Avenue, Cambridge, Massachusetts 02139** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the

execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____

Doug Marquis 8 Aug 2003
Douglas Marquis

State/Commonwealth _____

of MASSACHUSETTS

County of MIDDLESEX

Then personally appeared before me the above-named **Douglas Marquis** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 8th day of August, 2003.

(SEAL)

Robin M. Young Notary Public
Robin M. Young (print name)
My Commission expires 6 / 10 / 2008

Inventor's Signature: _____

James O. Calvin

James O. Calvin

State/Commonwealth _____

of Massachusetts

County of Middlesex

Then personally appeared before me the above-named **James O. Calvin** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 8th day of August, 20 03.

(SEAL)

Robin M. Young
Robin M. Young

Notary Public

(print name)

My Commission expires 06 / 10 / 2008